

Material Safety Data Sheet # 296
For Printing Inks and related Materials

Date of preparation: 7-21-05
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 MSDS#: 296

I. PRODUCT IDENTIFICATION

Manufacturer: Gans Ink and Supply Co, Inc. Address: 1441 Boyd Street Los Angeles, CA 90033 Emergency phone: (323) 264-2200	HMIS HAZARD IDENTIFICATION <table border="1"> <tr><td>Health</td><td>1</td></tr> <tr><td>Flammability</td><td>1</td></tr> <tr><td>Reactivity</td><td>0</td></tr> <tr><td>Personal Protection</td><td>B</td></tr> </table>	Health	1	Flammability	1	Reactivity	0	Personal Protection	B
Health	1								
Flammability	1								
Reactivity	0								
Personal Protection	B								
Product Class: Lithographic Ink Additive	Manufacturer's code: M014255								
Trade Name: OS Kracker Body Kompound..									

II. HAZARDOUS INGREDIENTS

Material	CAS #	%	Exposure Limits	Units
Polyester	Proprietary	2.7	OSHA/ PEL ACGIH/ TLV	NE NE

NE: Not Established

III. PHYSICAL DATA

Boiling Range °F: 500 – 600 °F	Vapor Density (Air = 1): > 4.0
Relative Density (H₂O = 1): 1.18	Vapor Pressure (mm Hg @ 68°F): Not available
Material Density Lbs./Gal: 9.83	Solubility in Water: Insoluble
% Volatiles by Weight: 0.67	% Solids by Weight: > 99
VOC Lbs/Gal: .066 g/L: 7.91	Appearance/Odor: Amber paste

IV. FIRE AND EXPLOSION DATA

Flash Point °F: > 389 °F	Auto-ignition Temperature °F: No Data	
Flammable Limits in Air	Lower Limit: No Data	Upper Limit: No Data
Extinguishing Media: Use water fog, foam, CO ₂ , or dry chemical extinguishing media.		
Special Fire Fighting Procedures: Water may be ineffective, but can be used to cool containers exposed to heat or flame. Fire fighters wear self-contained breathing apparatus.		
Unusual Fire & Explosion Hazard: Dense smoke may be generated while burning carbon dioxide, carbon monoxide, and other oxides may be generated as products of combustion.		

V. HEALTH HAZARD INFORMATION

Effects of Overexposure
Inhalation: Acute overexposure may result in irritation of the throat and lungs. Chronic exposure to high concentrations of aerosols or mists to laboratory animals has resulted in non-specific symptoms related to the nervous system, gastrointestinal tract, and lungs.
Skin Contact: Avoid skin contact. This product is slightly irritating to the skin upon direct contact. Prolonged or repeated contact may result in contact dermatitis which is characterized by dryness, chapping, and reddening. This condition may make the skin more susceptible to other irritants, sensitizers, and disease. Pre-existing skin conditions may make the skin more susceptible and facilitate uptake by this route.
Eye Contact: Avoid eye contact. This product may be slightly irritating to the eyes upon direct contact.. Exposure to high concentrations of vapors may be irritating to the eyes.
Ingestion: Do not ingest. Ingestion of small quantities is usually nonfatal unless aspiration occurs. Severe oral intoxication will lead to intense burning of the throat and may result in drowsiness, dullness, numbness, and headache

followed by dizziness, weakness, and nausea. Loss of consciousness and convulsions followed by death may result. See Notes to Physician section below.
Emergency & First Aid Procedures
Eyes: Immediately flush eyes with large amounts of water and continue flushing for 15 minutes until irritation subsides. If irritation persists, seek medical attention.
Skin: Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs, seek medical attention.
Inhalation: If mist or exposure is generated when the material is heated or handled, remove victim from exposure. If breathing has stopped or is irregular, administer artificial respiration and supply oxygen if it is available. If victim is unconscious, remove to fresh air and seek medical attention.
Ingestion: Do not induce vomiting. Seek immediate medical attention.
Notes to Physician: Aspiration may lead to chemical pneumonitis which is characterized by pulmonary edema and hemorrhage, and may be fatal. Signs of lung involvement include increased respiration rate, increased heart rate, and a bluish discoloration of the skin. Coughing, choking, and gagging are often noted at the time of aspiration. Gastrointestinal discomfort may develop, followed by vomiting, with risk of aspiration.

VI. REACTIVITY INFORMATION

Stability (Thermal, Light, etc.): Stable	Conditions to avoid: Excessive heat, sources of ignition and open flame.
Hazardous Polymerization: Will not occur	Materials to avoid: Contact with strong oxidizers.
Hazardous Decomposition Products: CO ₂ , CO, and other oxides may be generated as products of combustion.	

VII. ENVIRONMENTAL PRECAUTIONS

Steps to be taken in event of spill or release: Absorb with an inert material such as sand, vermiculite etc.. Scrape up with trowel or scoop and place in a suitable container. Clean up with a suitable solvent. Do Not allow to enter sewers, drains, waterways or lakes.
Waste Disposal Method: If recycling as ink is not possible, material may be incinerated or land filled at a licensed facility in accordance with local, state, and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

Ventilation Requirements: If vapor or mist is generated when the material is heated or handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specific exposure or flammable limits.
Personal Protective Equipment
Respirator: Respiratory protection is not required under conditions of normal use. If vapor or mist is generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. All respirators must be NIOSH certified. Do not use compressed oxygen in hydrocarbon atmospheres.
Skin: No skin protection is required for single, short duration exposures. For prolonged exposures, use impervious synthetic rubber clothing (boots, gloves, etc.) over parts of the body subject to exposure.
Eye: Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety glasses or goggles.

IX. SPECIAL PRECAUTIONS

Handling and Storage: Store in containers in a cool, well-ventilated area. Keep away from heat, open flame, all sources of ignition. Consumption of food and beverages should be avoided in work areas where hydrocarbons are present. Always wash hands and face with soap and water before eating, drinking, and smoking.
Other Precautions: For industrial use only. Do not ingest. Avoid prolonged contact with skin, contact with eyes, and breathing of mist or vapor

X. SHIPPING DATA

Flammability Classification:	Combustible
OSHA:	Class III B
DOT Shipping (Ground):	Not Regulated
ICAO/ IATA Shipping (Air):	Not regulated
IMDG/ IMO Shipping (Sea):	Not regulated

XI. ADDITIONAL NOTES

SARA Title III Section 313:

This material does Not contain chemicals subject to the reporting requirements of the SARA Superfund Amendments and Reauthorization Act.

Clean Air Act - Hazardous Air Pollutants (HAP):

This product does not contain any HAP, as defined by the U.S. Clean Air Act Section 112 (40 CFR 61)

TSCA Section 8(b) Inventory Status:

All component(s) of this product are either exempt or listed on the TSCA Inventory.

California Proposition 65:

This product does not intentionally contain any chemicals known by the state of California to cause cancer and/or reproductive harm. Moreover, Gans Ink and Supply Co., Inc. do not routinely analyze its products for impurities which may be such chemicals. Gans Ink and Supply Co., Inc. assumes no responsibility for any damages of any nature directly or indirectly resulting from the use of or reliance upon the information contained herein. Users must make their own determination as to the suitability of the product for their purpose prior to use. In accordance with good practices of personal cleanliness and hygiene, handle with due care and avoid unnecessary contact with this product.

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